

QP CODE: 25021075



Reg No : .....  
Name : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE  
EXAMINATIONS, FEBRUARY 2025**

**Sixth Semester**

B.Sc Microbiology Model III

**CORE COURSE - MB6CRT19 - MEDICAL BACTERIOLOGY -II**

2017 Admission Onwards

4A1D0A73

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Explain satellitism.
2. Cite about Rail road track appearance.
3. Cite about Bisected pearl appearance.
4. Define Piracy of adhesions.
5. Define Zoonosis with example.
6. Write about Acute brucellosis.
7. Cite about Syphilis.
8. Define Leptospirosis.
9. Write about the causative agent of Weil's disease.
10. Cite about the subculturing of Mycoplasma sp.
11. Comment on resistance of Chlamydiae.
12. Comment on diagnosis and treatment of C. Pneumonia.

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Note on Bordetella parapertussis and Bordetella bronchiseptica.





14. Cultural characters of *Yersinia pestis*.
15. Epidemiology of *Yersinia pestis*.
16. Prophylaxis and treatment of *Yersinia pestis*.
17. Comment on the serological tests for Syphilis.
18. Write a short essay on the clinical picture of Leptospirosis.
19. Write a short note on the pathogenicity of *Mycoplasma* sp.
20. Write about on Weil-Felix reaction.
21. Write a brief note on trachoma.

(6×5=30)

### Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write an essay about Pathogenesis and antigenic property of *Haemophilus influenzae*.
23. Write an essay about Lab diagnosis, Prophylaxis and treatment of *Brucella*.
24. Write an essay about *Treponema* sp.
25. Write an essay on Inclusion conjunctivitis.

(2×15=30)

